



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/pera/

Trulite Glass & Aluminum Solutions, LLC
800 Fairway Drive, Suite 200
Deerfield Beach, FL 33441

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "3200-Thermal Resistor" Aluminum Storefront/Window Wall System – L.M.I.

APPROVAL DOCUMENT: Drawing No. **AD11-23**, titled "Resistor Series 3200 Thermal Storefront Wall - LMI", sheets 1 through 8 of 8, dated 10/11/11, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # **08-0926.16** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



MP
3/15/12

NOA No. 11-1117.01
Expiration Date: January 28, 2014
Approval Date: March 22, 2012
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **AD11-23**, Sheets 1 through 8 of 8, titled "Resistor Series 3200 Thermal Storefront Wall - LMI", dated 10/11/11, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of a thermal aluminum window wall system, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5386**, dated 12/27/07, and revised on 11/18/08, signed and sealed by Michael Wenzel, P.E.
(Submitted under previous NOA# 08-0926.16)

C. CALCULATIONS:


1. Anchor verification calculations and structural analysis, complying with FBC-2007 and 2010, dated 11/15/11, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Glazing complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Interlayer**" dated 08/25/11, expiring on 01/14/17.
2. Notice of Acceptance No. **11-0325.05** issued to Solutia, Inc. for their "Saflex and Vanceva clear and color interlayers" dated 05/05/11, expiring on 05/21/16
3. Notice of Acceptance No. **08-0206.01** issued to **Solutia, Inc.** for their "**Saflex HP Glass Interlayer**" dated 04/17/08, expiring on 04/14/13.



Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-1117.01

Expiration Date: January 28, 2014
Approval Date: March 22, 2012

Trulite Glass & Aluminum Solutions, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with FBC-2007 and FBC-2010, dated 11/14/11, signed and sealed by Yiping Wang, P.E.
2. Statement letter of no financial interest, dated 11/15/11, signed and sealed by Yiping Wang, P.E.
3. Certificate of Amendment to Certificate of Formation of Arch Aluminum & Glass, LLC aware to change its name to: **Trulite Glass & Aluminum Solutions, LLC**, issued by in State of Delaware, dated July 25, 2011, signed by Grace Kurowska, CFO, Vice President, Treasurer & Secretary.
4. Certificate of Authentication of name change to **Trulite Glass & Aluminum Solutions, LLC** issued by the Secretary of State of the State of Delaware, dated 07/27/11, signed by Jeffrey W. Bullock, Secretary of State.
5. Florida Dept of State, listing of **Trulite Glass & Aluminum Solutions, LLC** (Foreign Limited Liability Co.), managed by Arch Intermediate Holding, LLC, Tamarac, Fl.

G. OTHERS

1. Notice of Acceptance No. **08-0926.16**, issued to Arch Aluminum & Glass Company, Inc. for their Series "3200 Thermal" Aluminum Window Wall System – L.M.I., approved on 01/28/09 and expiring on 01/28/14.

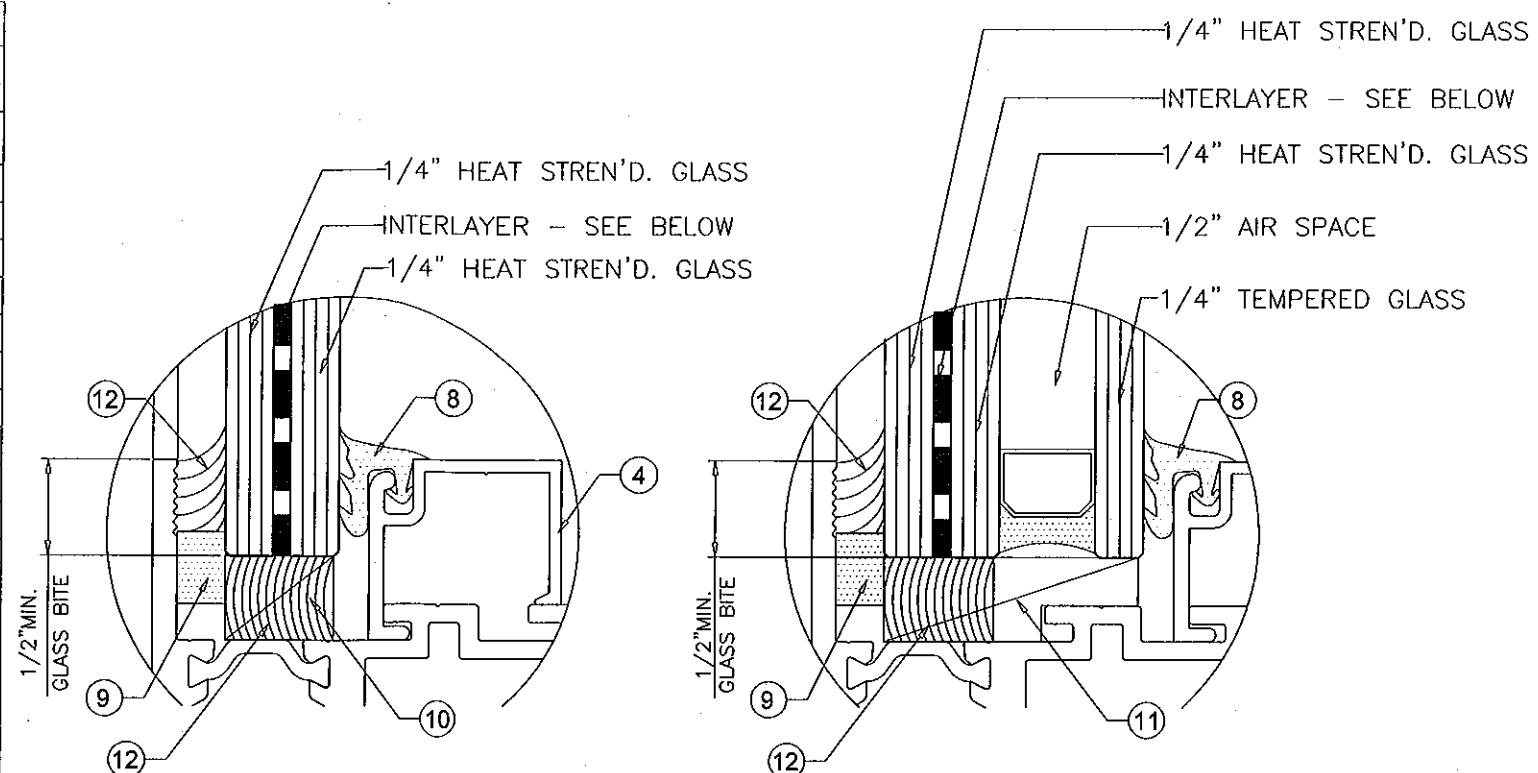

Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-1117.01

Expiration Date: January 28, 2014
Approval Date: March 22, 2012

GLASS LOAD CAPACITY — PSF				
NOMINAL DIMS.		GLASS TYPE "A1"	GLASS TYPE "A2"	GLASS TYPE "A3"
D.L.O. WIDTH	D.L.O. HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
12"	68"	65.0	40.0	40.0
24"		65.0	40.0	40.0
36"		65.0	40.0	40.0
48"		65.0	40.0	40.0
57"		65.0	40.0	40.0
60"		—	40.0	40.0
63"		—	40.0	40.0
72"		—	40.0	40.0
12"	80"	65.0	40.0	40.0
24"		65.0	40.0	40.0
36"		65.0	40.0	40.0
48"		65.0	40.0	40.0
57"		—	40.0	40.0
60"		—	40.0	40.0
63"		—	40.0	40.0
72"		—	40.0	40.0
12"	92"	65.0	40.0	40.0
24"		65.0	40.0	40.0
36"		65.0	40.0	40.0
48"		—	40.0	40.0
57"		—	40.0	40.0
60"		—	40.0	40.0
63"		—	40.0	40.0
72"		—	40.0	40.0
12"	104"	65.0	40.0	40.0
24"		65.0	40.0	40.0
36"		65.0	40.0	40.0
48"		—	40.0	40.0
57"		—	40.0	40.0
60"		—	40.0	40.0
63"		—	40.0	40.0
12"	116"	65.0	40.0	40.0
24"		65.0	40.0	40.0
36"		—	40.0	40.0
48"		—	40.0	40.0
57"		—	40.0	40.0

GLASS LOAD CAPACITY — PSF			
NOMINAL DIMS.		GLASS TYPE "B1"	GLASS TYPE "B2"
D.L.O. WIDTH	D.L.O. HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)
12"	68"	60.0	60.0
24"		60.0	60.0
36"		60.0	60.0
48"		60.0	60.0
57"		60.0	60.0
60"		60.0	60.0
63"		60.0	60.0
72"		60.0	60.0
12"	80"	60.0	60.0
24"		60.0	60.0
36"		60.0	60.0
48"		60.0	60.0
57"		60.0	60.0
60"		60.0	60.0
63"		60.0	60.0
72"		60.0	60.0
12"	92"	60.0	60.0
24"		60.0	60.0
36"		60.0	60.0
48"		60.0	60.0
57"		60.0	60.0
60"		60.0	60.0
63"		60.0	60.0
72"		60.0	60.0
12"	104"	60.0	60.0
24"		60.0	60.0
36"		60.0	60.0
48"		60.0	60.0
57"		60.0	60.0
60"		60.0	60.0
63"		60.0	60.0
12"	116"	60.0	60.0
24"		60.0	60.0
36"		60.0	60.0
48"		60.0	60.0
57"		60.0	60.0

NOTE:
GLASS CHECKED PER ASTM
E1300-04 AND TESTING



GLASS TYPE "A"

INTERLAYER TYPES

"A1" — .090 PVB INTERLAYER
SAFLEX 111G BY SOLUTIA

"A2" — .100 PVB INTERLAYER
SAFLEX HP BY SOLUTIA

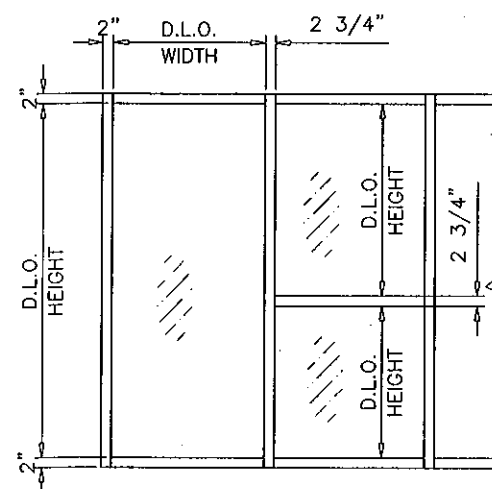
"A3" — .090 SENTRYGLAS PLUS
INTERLAYER BY DUPONT

GLASS TYPE "B"

INTERLAYER TYPES

"B1" — .100 PVB INTERLAYER
SAFLEX HP BY SOLUTIA

"B2" — .090 SENTRYGLAS PLUS
INTERLAYER BY DUPONT



STEP 2: GLASS LOAD CAPACITY

Trulite
GLASS & ALUMINUM SOLUTIONS™
http://www.trulite.com
800 FAIRWAY DRIVE, Suite 200
DEERFIELD BEACH, FL 33441
p. 800-432-8132 | f. 954-724-2083

PRODUCT:

Resistor
Series 3200
THERMAL STOREFRONT
WALL - LMI

Resistor
PRODUCT SERIES

REV#	DATE/REMARKS

ENGINEER:

MCY ENGINEERING, INC.
GLAZING CONSULTANT

9110 SW SUNSET DRIVE
MIAMI, FL 33173
P: 305-271-0117
Email: MCY.Engineering@att.net
www.MCYEngineering.com

STAMP:



FEB 16 2012

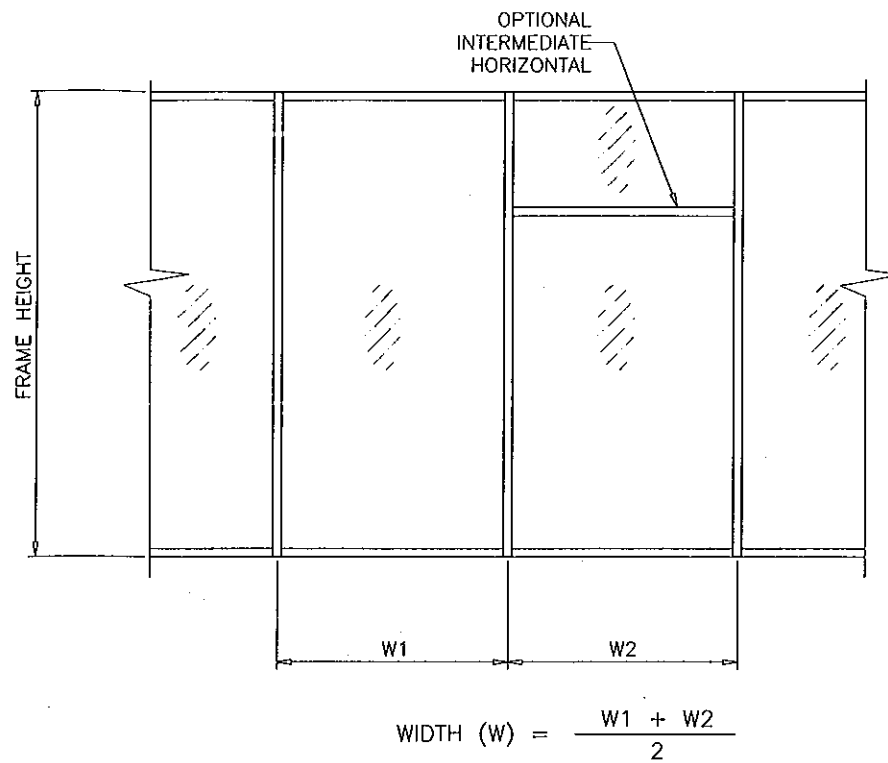
PRODUCT CONTROL APPROVAL:

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1117.01
Expiration Date JAN 28, 2014
By *Manning Perez*
Miami Trade Product Control

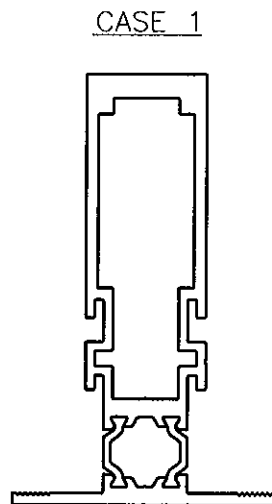
DRAWN: F.C.	DRAWING No:
DATE: 10-11-11	2 OF 8
DWG: AD11-23	

MULLION LOAD CAPACITY - PSF #3202 MULLION				
NOMINAL DIMS.		CASE 1	CASE 2	CASE 3
WIDTH (W)	FRAME HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
12"	84"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"		65.0	65.0	65.0
12"	96"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		60.0	65.0	65.0
60"		54.0	65.0	65.0
66"		49.0	62.0	65.0
72"		45.0	57.0	65.0

MULLION LOAD CAPACITY - PSF #3202 MULLION				
NOMINAL DIMS.		CASE 1	CASE 2	CASE 3
WIDTH (W)	FRAME HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
12"	108"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		63.0	65.0	65.0
42"		54.0	65.0	65.0
48"		48.0	65.0	65.0
54"		42.0	53.0	65.0
60"		38.0	48.0	65.0
66"		35.0	43.0	60.0
12"	120"	40.0	60.0	60.0
18"		40.0	60.0	60.0
24"		40.0	60.0	60.0
30"		40.0	60.0	60.0
36"		40.0	58.0	60.0
42"		40.0	50.0	60.0
48"		35.0	43.0	60.0
54"		31.0	39.0	58.0
60"		28.0	35.0	52.0

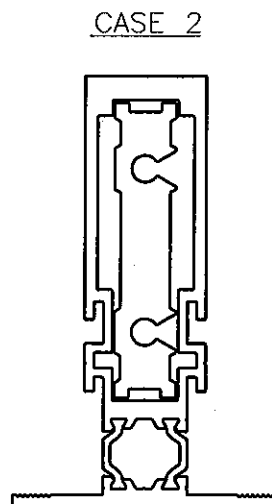


TYPICAL ELEVATION



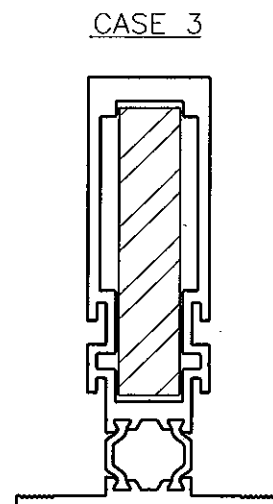
#3202 W/O REINFORCING

Ix IN ⁴	Sx IN ³
4.7792	2.0535



#3202 W/#3204 ALUM. REINFORCING

	Ix IN ⁴	Sx IN ³
Mullion	4.7792	2.0535
ALUM. REINF.	1.1440	0.7428
TOTAL	5.9232	2.8844



#3202 W/ 5/8" X 3" STEEL BAR REINFORCING

	Ix IN ⁴	Sx IN ³
ALUMINUM	4.7792	2.0535
STEEL	1.4063	0.9375
TOTAL	8.8574	-
Ix ALUM+STL X 2.9		

STEP 3: MULLION LOAD CAPACITY

Trulite
GLASS & ALUMINUM SOLUTIONS™
http://www.trulite.com
800 FAIRWAY DRIVE, Suite 200
DEERFIELD BEACH, FL 33441
p. 800-432-8132 | f. 954-724-2083

PRODUCT:

Resistor
Series 3200
THERMAL STOREFRONT
WALL - LMI

Resistor
PRODUCT SERIES

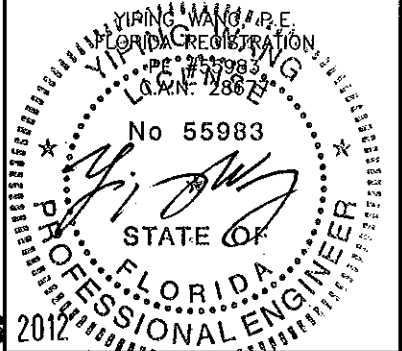
REV#	DATE/REMARKS

ENGINEER:

MCY ENGINEERING, INC.
GLAZING CONSULTANT

9110 SW SUNSET DRIVE
MIAMI, FL 33173
P: 305-271-0117
Email: MCY.Engineering@att.net
www.MCYEngineering.com

STAMP:



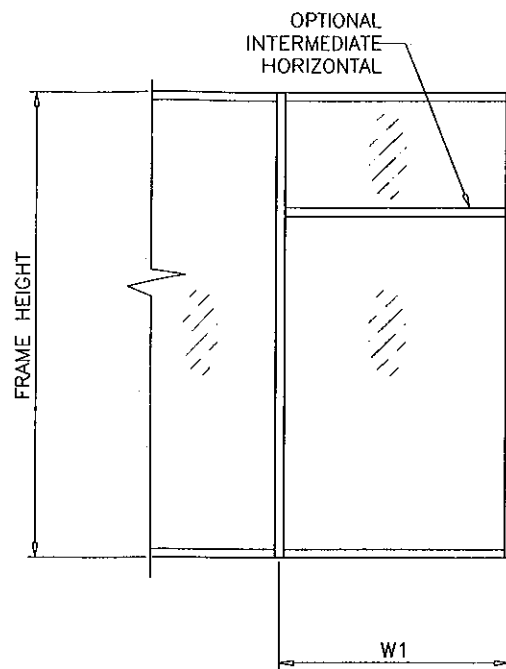
PRODUCT CONTROL APPROVAL:

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-111701
Expiration Date Jan 22, 2014
By *Mmanuel Perez*
Miami Dade Product Control

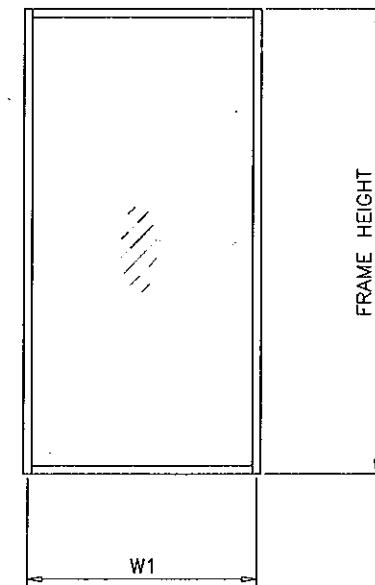
DRAWN: F.C. DRAWING No:
DATE: 10-11-11 **3 OF 8**
DWG: AD11-23

JAMB LOAD CAPACITY — PSF #3201 JAMB				
NOMINAL DIMS.		CASE 4	CASE 5	CASE 6
WIDTH (W)	FRAME HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
12"	84"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		65.0	65.0	65.0
60"	96"	65.0	65.0	65.0
66"		65.0	65.0	65.0
72"		65.0	65.0	65.0
12"		65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	62.0	65.0
72"		65.0	57.0	65.0

JAMB LOAD CAPACITY — PSF #3201 JAMB				
NOMINAL DIMS.		CASE 4	CASE 5	CASE 6
WIDTH (W)	FRAME HEIGHT	EXT.(+) INT.(-)	EXT.(+) INT.(-)	EXT.(+) INT.(-)
12"	108"	65.0	65.0	65.0
18"		65.0	65.0	65.0
24"		65.0	65.0	65.0
30"		65.0	65.0	65.0
36"		65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		65.0	65.0	65.0
60"	120"	60.0	60.0	60.0
12"		60.0	60.0	60.0
18"		60.0	60.0	60.0
24"		60.0	60.0	60.0
30"		60.0	60.0	60.0
36"		60.0	60.0	60.0
42"		60.0	60.0	60.0
48"		60.0	60.0	60.0
54"		58.0	60.0	60.0
60"		52.0	60.0	60.0



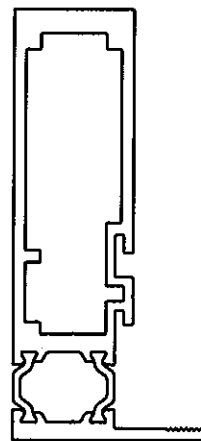
WIDTH (W) = W1 (JAMB)



WIDTH (W) = W1 (JAMB)

TYPICAL ELEVATION

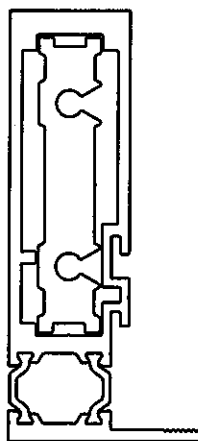
CASE 4



#3201 W/O REINFORCING

Ix IN ⁴	Sx IN ³
4.4705	1.9764

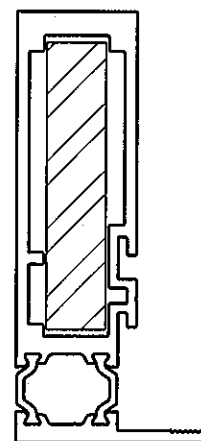
CASE 5



#3201 W/ #3204 ALUM. REINFORCING

	Ix IN ⁴	Sx IN ³
Mullion	4.4705	1.9764
ALUM. REINF.	1.1440	0.7428
TOTAL	5.6145	2.7192

CASE 6



#3201 W/ 5/8" X 3" STEEL BAR REINFORCING

	Ix IN ⁴	Sx IN ³
ALUMINUM	4.4705	1.9764
STEEL	1.4063	0.9375
TOTAL	5.8768	—
Ix ALUM + STL X 2.9		

STEP 3: JAMB LOAD CAPACITY

Trulite
GLASS & ALUMINUM SOLUTIONS™
http://www.trulite.com
800 FAIRWAY DRIVE, Suite 200
DEERFIELD BEACH, FL 33441
p. 800-432-8132 | f. 954-724-2083

PRODUCT:

Resistor
Series 3200
THERMAL STOREFRONT
WALL - LMI

Resistor
PRODUCT SERIES

REV#	DATE/REMARKS

ENGINEER:

MCY ENGINEERING, INC.
GLAZING CONSULTANT
9110 SW SUNSET DRIVE
MIAMI, FL 33173
P: 305-271-0117
Email: MCY.Engineering@att.net
www.MCYEngineering.com

STAMP:



FEB 16 2012

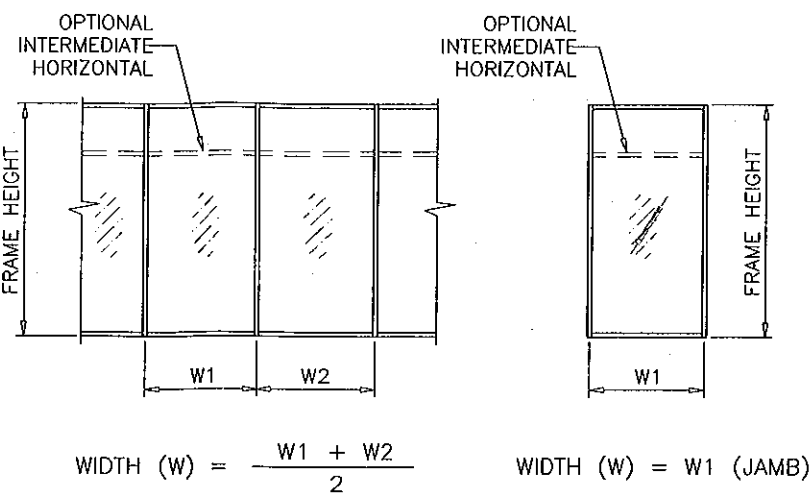
PRODUCT CONTROL APPROVAL:

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1117-01
Expiration Date JAN. 23, 2014
By: *Manuel Perez*
Miami Dade Product Control

DRAWN: F.C.	DRAWING No:
DATE: 10-11-11	4 OF 8
DWG: AD11-23	

NOMINAL DIMENSIONS		ANCHOR TYPES		
MULLION WIDTH	FRAME HEIGHT	"A2"	"B2"	"C2"
(in.)	(in.)	CAPACITIES (LBS)		
		1004	1332	1916
		DESIGN LOAD CAPACITY (PSF)		
36"	84"	65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		63.7	65.0	65.0
60"		57.4	65.0	65.0
66"		52.2	65.0	65.0
72"		47.8	63.5	65.0
36"	96"	65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		62.8	65.0	65.0
54"		55.8	65.0	65.0
60"		50.2	65.0	65.0
66"		45.6	60.6	65.0
72"		41.8	55.5	65.0
36"	108"	65.0	65.0	65.0
42"		63.7	65.0	65.0
48"		55.8	65.0	65.0
54"		49.6	65.0	65.0
60"		44.6	59.2	65.0
66"		40.6	53.8	65.0
36"	120"	65.0	65.0	65.0
42"		57.4	65.0	65.0
48"		50.2	65.0	65.0
54"		44.6	59.2	65.0
60"		40.2	53.3	65.0

NOMINAL DIMENSIONS		ANCHOR TYPES		
MULLION WIDTH	FRAME HEIGHT	"A3"	"B3"	"C3"
(in.)	(in.)	CAPACITIES (LBS)		
		1506	1999	2874
		DESIGN LOAD CAPACITY (PSF)		
36"	84"	65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"		65.0	65.0	65.0
36"	96"	65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		65.0	65.0	65.0
72"		62.8	65.0	65.0
36"	108"	65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		65.0	65.0	65.0
60"		65.0	65.0	65.0
66"		60.8	65.0	65.0
36"	120"	65.0	65.0	65.0
42"		65.0	65.0	65.0
48"		65.0	65.0	65.0
54"		65.0	65.0	65.0
60"		60.2	65.0	65.0

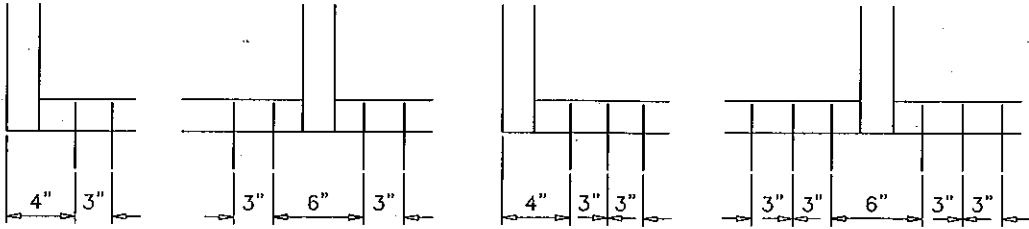


ANCHORS TYPES: SEE SHEET 6 FOR DESCRIPTION

- "A2" – (2) ANCHORS TYPE 'A' AT EA. SIDE OF MULLION OR JAMB
- "B2" – (2) ANCHORS TYPE 'B' AT EA. SIDE OF MULLION OR JAMB
- "C2" – (2) ANCHORS TYPE 'C' AT EA. SIDE OF MULLION OR JAMB
- "A3" – (3) ANCHORS TYPE 'A' AT EA. SIDE OF MULLION OR JAMB
- "B3" – (3) ANCHORS TYPE 'B' AT EA. SIDE OF MULLION OR JAMB
- "C3" – (3) ANCHORS TYPE 'C' AT EA. SIDE OF MULLION OR JAMB

ALL OTHER ANCHORS TO BE SPACED AS PER ELEVATION.

TYPICAL ANCHOR CLUSTERS
(HEAD AND SILL)



A2, B2, C2

A3, B3, C3

STEP 4: ANCHOR LOAD CAPACITY

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PRODUCT:

Resistor
Series 3200
THERMAL STOREFRONT
WALL - LMI

Resistor
PRODUCT SERIES

REVN	DATE/REMARKS

ENGINEER:

MCY ENGINEERING, INC.
GLAZING CONSULTANT

9110 SW SUNSET DRIVE
MIAMI, FL 33173
P: 305-271-0117
Email: MCY.Engineering@att.net
www.MCYEngineering.com

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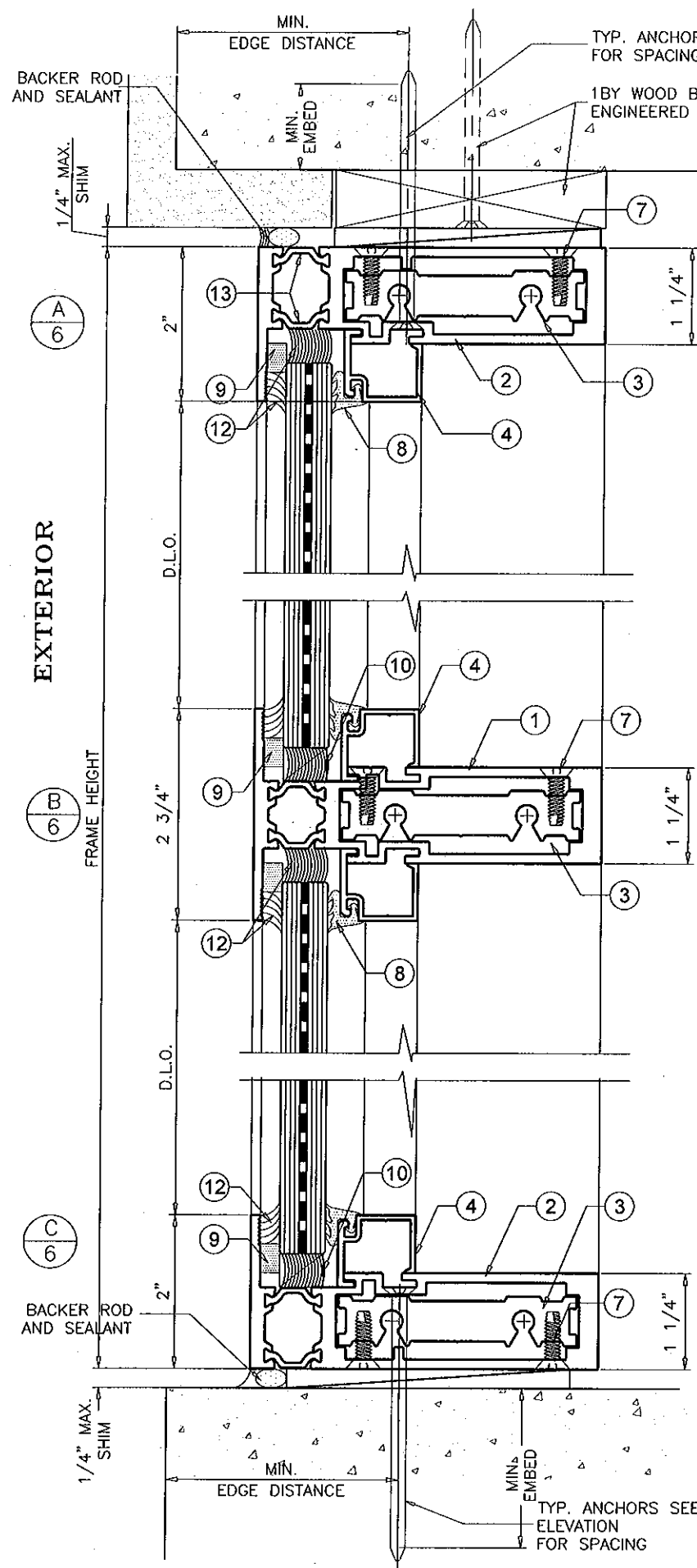
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Acceptance No. 11-111701
Expiration Date Jan 28, 2014

By
Miami Dade Product Control

DRAWN: F.C.
DATE: 10-11-11
DWG: AD11-23

DRAWING No:
5 OF 8



WOOD BUCKS NOT BY TRULITE. MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS:

SEE ELEVATIONS FOR SPACING

TYPE 'A' 1/4" DIA. TAPCON BY 'ITW' (fu=120 KSI, fy=92 KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-3/8" MIN. PENETRATION INTO WOOD.

THRU WOOD BUCKS INTO CONCRETE.
1-1/4" MIN. EMBED INTO CONCRETE.

TYPE 'B' 1/4" DIA. TAPCON BY 'ITW' (fu=120 KSI, fy=92 KSI) DIRECTLY INTO CONC.

1-1/2" MIN. EMBED INTO CONC.

TYPE 'C' #14 SMS OR SELF DRILLING SCREWS INTO MIAMI-DADE COUNTY APPROVED MULLIONS (1/8" THK. MIN.) INTO METAL STRUCTURE.

STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

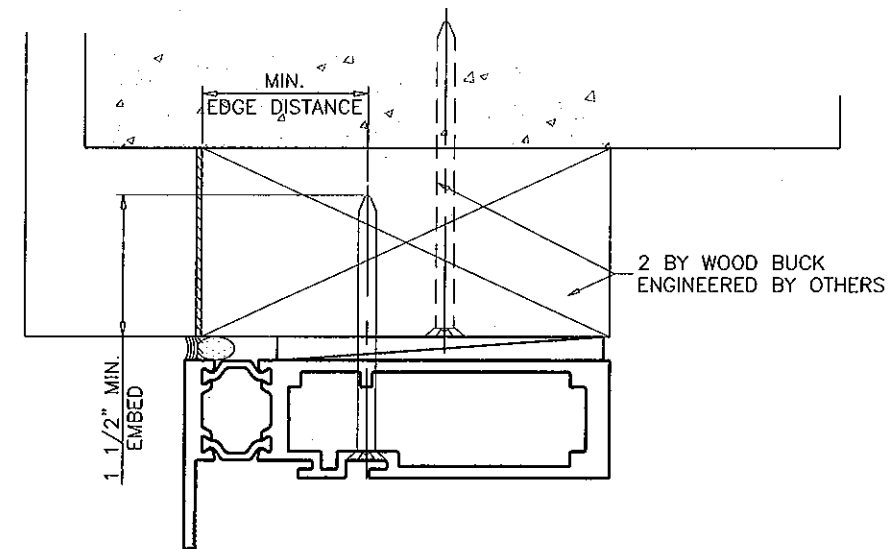
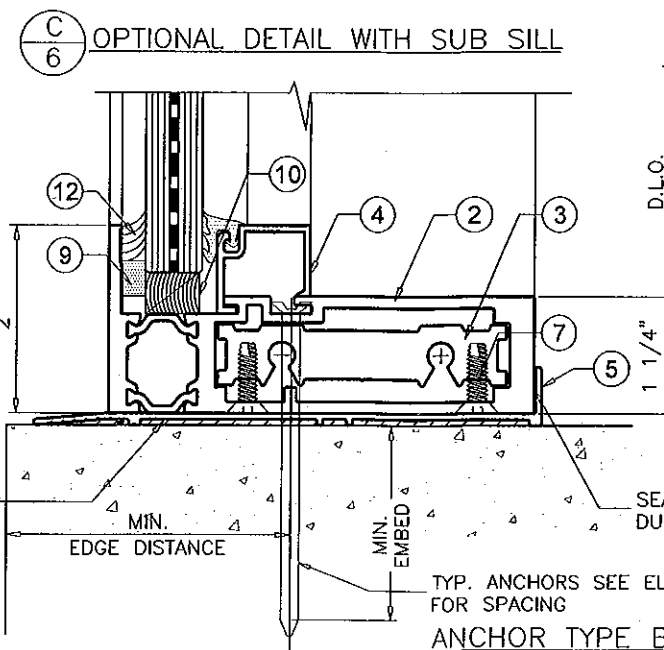
TYPICAL EDGE DISTANCE

- INTO CONCRETE AND MASONRY = 2-1/2" MIN.
- INTO WOOD STRUCTURE = 1" MIN.
- INTO METAL STRUCTURE = 3/4" MIN.

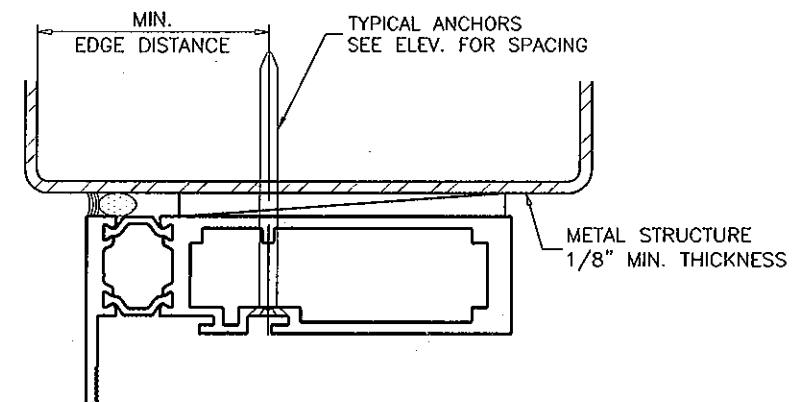
CONCRETE f'c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.

SEALANTS:

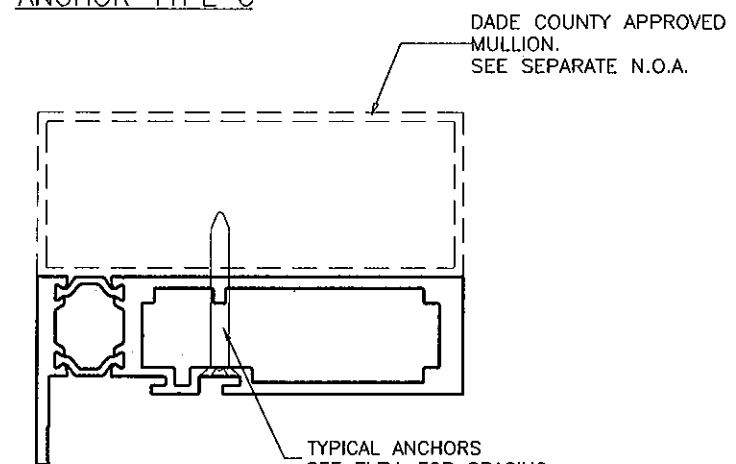
GLAZING BEAD AT FRAME SILL SEALED TO GLASS WITH DOW CORNING 995. FRAME CORNERS SEALED WITH DOW CORNING 999 OR EQUAL COMPATIBLE.



ANCHOR TYPE A



ANCHOR TYPE C



ANCHOR TYPE C

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By *Manuel Perez*
Miami Dade Product Control

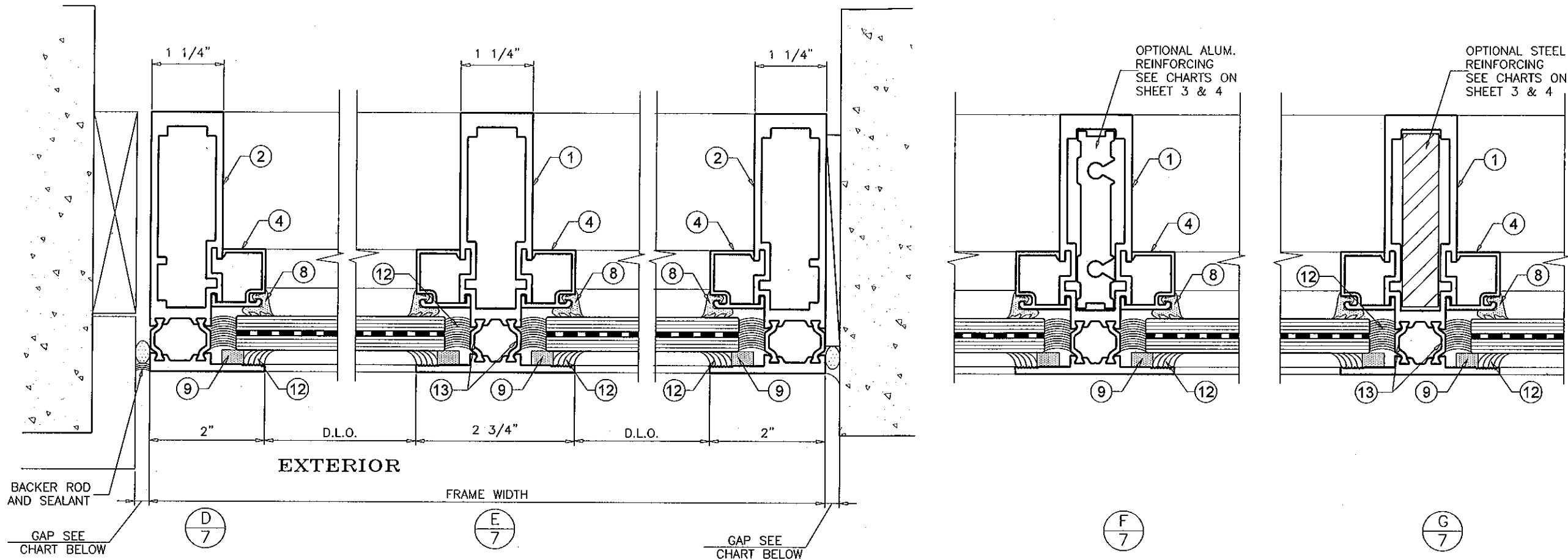
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MAX. FRAME HEIGHT	GAP	
	MIN.	MAX.
84"	1/4"	3/4"
96"	3/8"	3/4"
108"	3/8"	3/4"
120"	1/2"	3/4"

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	3202	AS REQD.	MULLION / INTERMEDIATE	6063-T6	TRULITE
2	3201	AS REQD.	HEAD / SILL / JAMB	6063-T6	TRULITE
3	3204	AS REQD.	SHEAR BLOCK / REINFORCING	6063-T6	TRULITE
4	3003	AS REQD.	GLASS STOP	6063-T6	TRULITE
5	4016	AS REQD.	OPTIONAL SUB-SILL	6063-T6	TRULITE
6	P13	2/SHEAR BLOCK	1/4-20 X 1-1/2" PHMS TYPE 23	STEEL	-
7	S14	2/SHEAR BLOCK	#12-24 X 3/4" FHPMS TYPE 23	STEEL	-
8	H63	AS REQD.	WEDGE-IN GASKET	EPDM	-
9	V2100	AS REQD.	GLAZING FOAM TAPE	3/8" X 1/4" FOAM	NORTON
10	H62G	2/ LITE	SETTING BLOCK (9/16" GLASS)	7/16" X 9/16" X 4"	-
11	H62J	2/ LITE	SETTING BLOCK (1 5/16" GLASS)	7/16" X 1 5/16" X 4"	-
12	995	AS REQD.	GLAZING SEALANT		DOW CORNING
13	--	AS REQD.	THERMAL ISOLATOR	POLYAMIDE	TECHNOFORM

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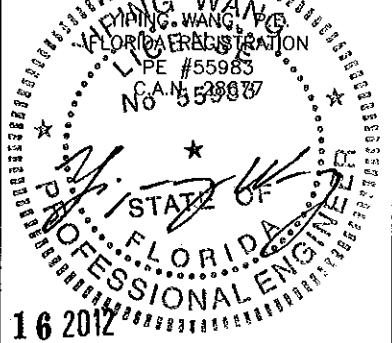
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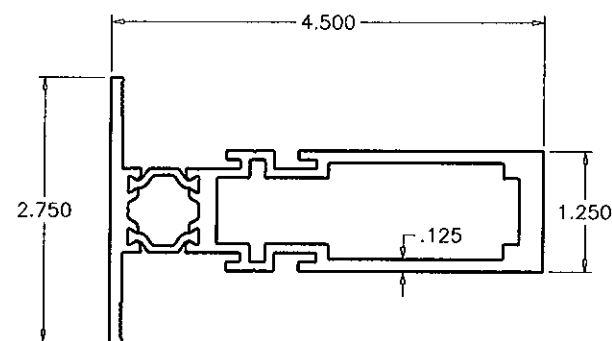


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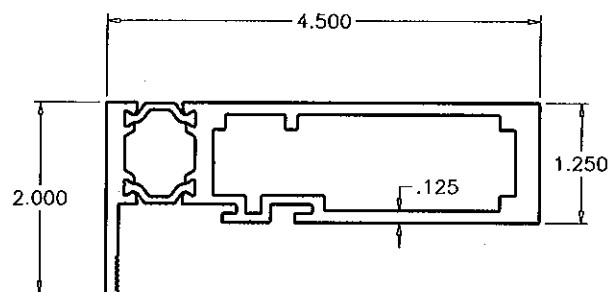
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Miami Dade Product Control

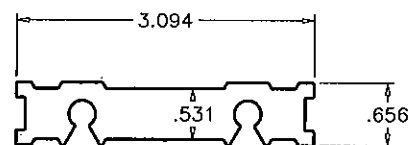
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DATE: 10-11-11	7 OF 8
DWG: AD11-23	



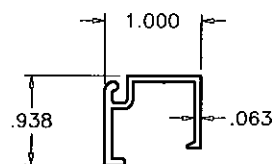
① 3202 -- INTERMEDIATE VERTICAL/HORIZONTAL



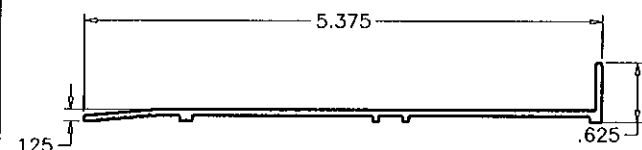
② 3201 -- FRAME HEAD/SILL/JAMB



③ 3204 -- SHEAR BLOCK / MULLION REINFORCING



④ 3003 -- GLASS STOP



⑤ 4016 -- OPTIONAL SUB-SILL



⑥ P13 -- FAB SCREW, SHEAR BLOCK TO FRAME



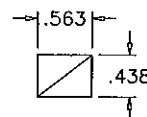
⑦ S14 -- FAB SCREW, FRAME TO SHEAR BLOCK



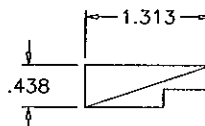
⑧ H-63 EPDM GLAZING GASKET



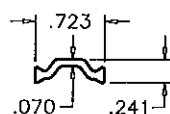
⑨ V2100 GLAZING TAPE



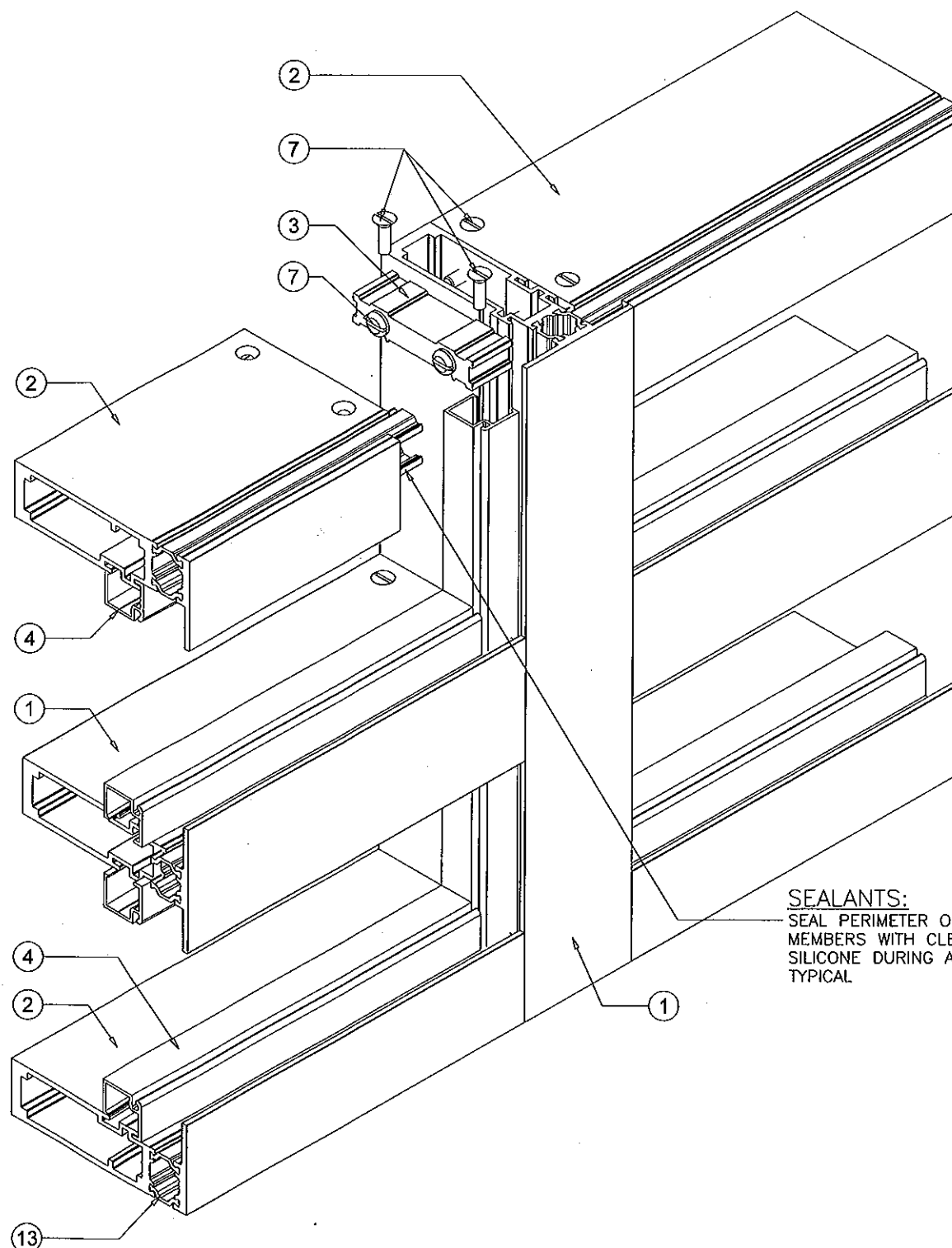
⑩ H62G -- SETTING BLOCK FOR 9/16" GLASS



⑪ H62J -- SETTING BLOCK FOR 1 5/16" GLASS



⑬ POLYAMIDE THERMAL ISOLATOR



FRAME CORNERS ISOMETRIC

SEALANTS:
SEAL PERIMETER OF MATING
MEMBERS WITH CLEAR
SILICONE DURING ASSEMBLY
TYPICAL

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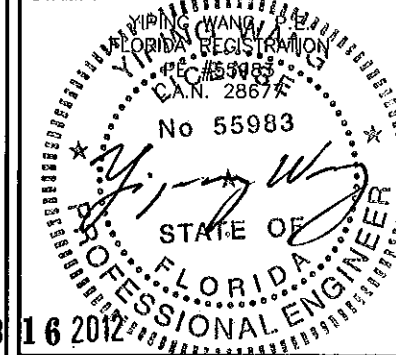
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